Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 14 Jul 2023 until 23:59 on Saturday 15 Jul 2023

Forecast Issued on Friday 14 Jul 2023 at 01:08

Confidence: High confidence in main themes until Tuesday, including unseasonably wet and windy spell Friday into Saturday. Confidence lowers significantly on Tuesday with a further weather system arriving.

Headline for Friday 14 Jul 2023: Unseasonably wet and windy. Activities best confined to lower slopes.

Mountain weather hazards on Friday 14 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Cloudy
Precipitation probability					
20%	40%	80%	80%	80%	30%

Forecast for Friday 14 Jul 2023

Weather: Perhaps largely fine for a time around dawn in perhaps the most favourable conditions for the day as a whole, although this will be short-lived, and significant deterioration is then likely. Extensive arriving cloud bearing persistent and occasionally heavy rain will move in on strengthening winds, perhaps eventually approaching gale over the most exposed ridges to see out the day. Rain easing into the evening, but ragged cloud remaining, as winds remain strong.

Chance of cloud-free hill tops above 600m: Soon deteriorating to become near nil.

Low cloud and visibility: Broken down to 400 metres in the south especially at first, with ragged bases, perhaps improving to near the highest ground by the end of the day. Visibility often hampered by rain, often moderate.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 14 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/18 S	15/21 S	19/27 SE	28/38 SE	27/37 SE	23/34 SW	26/37 SW
300	11/17 SE	13/20 SE	17/26 SE	21/33 SE	24/36 SE	19/30 SW	16/25 S
Valley	6/14 SE	8/17 SE	12/24 SE	14/29 SE	17/35 SE	14/30 S	11/26 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	11/8	11/8	11/7	12/8	13/9	11/7
300	13/11	13/11	14/11	14/10	15/11	15/12	13/10
Valley	14/13	14/13	14/12	14/12	16/13	16/14	13/11
Freezing Level*	2500m	2600m	2600m	3400m	3300m	2800m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds are likely to peak as drier evening conditions arrive, with caution advised given deceptive shelter in some valleys.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 14 Jul 2023	0mm	2.6mm	13.6mm

Forecast for Saturday 15 Jul 2023

Weather: A brighter but no less windy day than on Friday, with frequent sharp blustery showers blowing through, perhaps thundery, and may merge to give longer spells of rain in places. Tending to become cloudier and windier with time.

Maximum wind: Increasing Southwesterly 40mph.

Chance of cloud-free hill tops above 600m: 70%, but note hazardous summit conditions.

Low cloud and visibility: Broken cloud just above the highest ground, visibility good but with frequent deterioration in showers.

Temperature: **Valleys:** Plus 12 becoming plus 20 degrees Celsius.
At 600m: Plus 12 degrees Celsius.
Freezing level: Well above the summits.

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